

AMENDMENTS

In the specification:

On page 8, please delete the paragraph at line 4 to line 5, and substitute therefor:

~~Figure 15A~~ Figures 15A and 15B show[[s]] an expanded cDNA sequence for human BAG-3 protein (SEQ ID NO:19).

On page 8, please delete the paragraph at line 6 to line 8, and substitute therefor:

~~Figure 15B~~15C shows the corresponding amino acid residues for the human BAG-3 protein (SEQ ID NO:20) of Figure 15A and 15B.

On page 8, please delete the paragraph at line 9 to line 12, and substitute therefor:

~~Figure 15C~~ Figures 15D and 15E show[[s]] the expanded cDNA sequence (SEQ ID NO:19) aligned with the corresponding amino acid residues for human BAG-3 protein of Figure 15A and 15B (SEQ ID NO:20).

On page 8, please delete the paragraph at line 13 to line 14, and substitute therefor:

~~Figure 16A~~ Figures 16A and 16B show[[s]] shows an expanded cDNA sequence for human BAG-4 protein (SEQ ID NO:21).

On page 8, please delete the paragraph at line 15 to line 17, and substitute therefor:

~~Figure 16B~~16C shows the corresponding amino acid residues for the human BAG-4 protein of Figure 16A and 16B (SEQ ID NO:22).

On page 8, please delete the paragraph at line 18 to line 21, and substitute therefor:

~~Figure 16C~~ Figures 16D and 16E show[[s]] the expanded cDNA sequence (SEQ ID NO:21) aligned with the corresponding amino acid residues for human BAG-4 protein of Figure 16A and 16B (SEQ ID NO:22).

On page 8, please delete the paragraph at line 22 to line 23, and substitute therefor:

~~Figure 17A~~ Figures 17A, 17B, 17C, and 17D show[[s]] an expanded cDNA sequence for human BAG-5 protein (SEQ ID NO:23).

On page 8, please delete the paragraph at line 24 to line 26, and substitute therefor:

~~Figure 17B~~17E shows the corresponding amino acid residues for the human BAG-5 protein of Figure 17A-17D (SEQ ID NO:24).

On page 9, please delete the paragraph at line 1 to line 4, and substitute therefor:

~~Figure 17C~~ Figures 17F, 17G and 17H show[[s]] the expanded cDNA sequence (SEQ ID NO:23) aligned with the corresponding amino acid residues for human BAG-5 protein of Figure 17A-17D (SEQ ID NO:24).

At page 37, please delete the paragraph on page 37, line 22, to page 38, line 5, and substitute therefor:

Hip was purified as His₆-protein. The fusion protein was induced from pET28-Hip (V. Prapapanich et al., *Mol Cell Biol.*, 18:944-952, 1998, which is incorporated herein by reference) with 0.1 mM IPTG at 25°C for 6h in BL21 cells. Cells from 1L of culture were resuspended into 50 ml of 50 mM Phosphate buffer (pH 6.8), 150 mM NaCl, and 1% (v/v) Tween™-20 and then incubated with 0.5 mg/ml lysozyme at 25°C for 0.5h, followed by sonication. After centrifugation at 27,500g for 10 min, the resulting supernatant was mixed with 15 ml nickel resin (Qiagen, Inc.) at 4°C for 3 h with 25 mM imidazol. The resin was then washed with 50 mM phosphate buffer (pH 6.8), 25 mM imidazol, 150 mM NaCl and 0.1% Tween™-20 until the OD280nm reached a value of <0.01. His₆-Hip protein was eluted with 250 mM imidazol in washing buffer (Qiagene, Inc.) and purified on Mono Q (HR10/10 Pharmacia) by FPLC using a linear gradient of 0.5M NaCl at pH 8.0, followed by dialysis in chaperone assay buffer.

On page 45, please delete the first line and substitute therefor:

ABSTRACT OF THE INVENTION